

# Knowledge Organization

## Unit 3

Notation: Definition, types, Qualities.  
Facet and Facet analysis: Definition,  
Principles of Facet Sequence, Round and  
Levels

Presented By

Rashmi H.

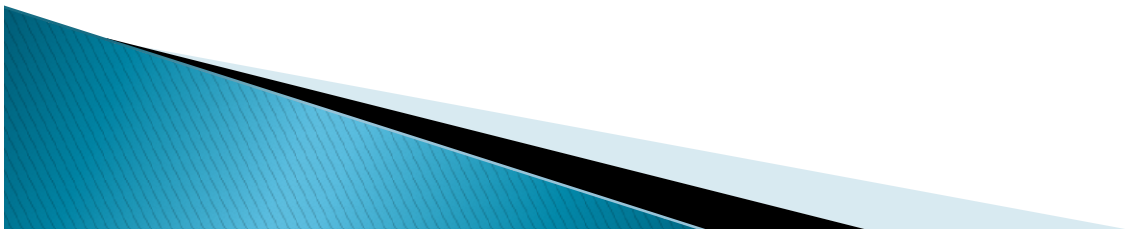
Guest faculty,

Deptt. Of Library and Information Science,

MLSU, Udaipur

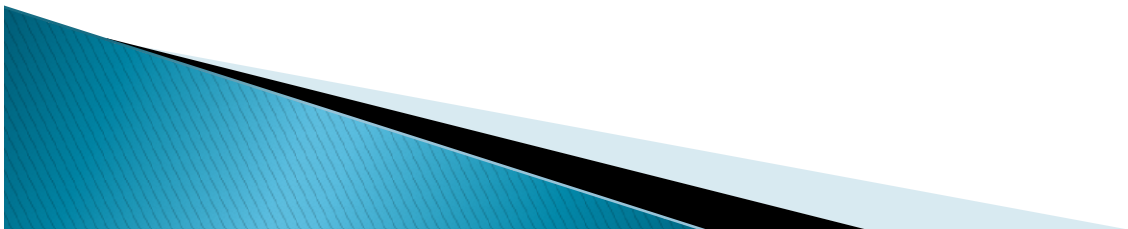
# NOTATION

- ▶ Notation is a series of symbols or codes to represent the subjects which were concepts and names in the idea and verbal planes, respectively. 1,2,3.....9 or A,B,C...Z etc.
- ▶ **Definition**
- ▶ S.R. Ranganathan– “ Notation is the system of numbers which is used to express the classes in classification scheme.”



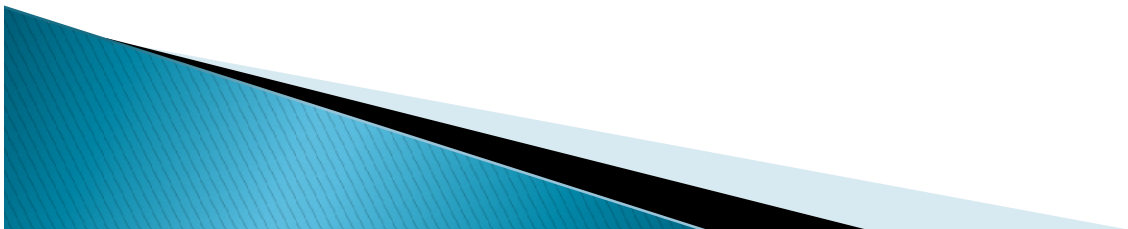
## ▶ Types

- ▶ **Pure Notation**– Notation formed by using only one species of symbols. For example Roman capital letters (A–Z) or Indo Arabic number(0–9).
- ▶ **Mixed Notation** – Notation formed by using one or more species of symbols. Ex– A–Z, a–z, and 0–9.

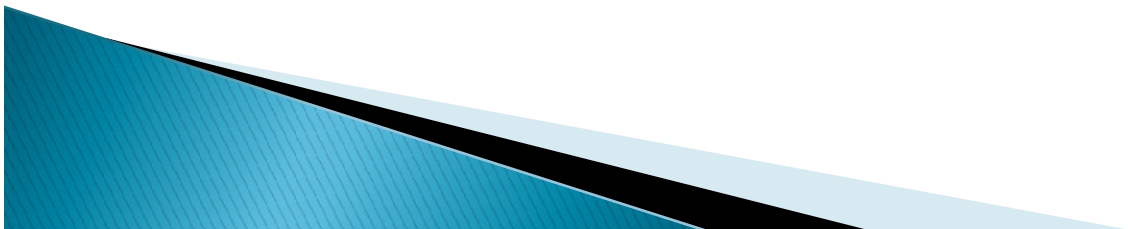


## ▶ Functions

- ▶ To arrange documents in helpful sequence
- ▶ To display co-ordinate and subordinate classes
- ▶ To provide speed to working efficiency of library catalogue
- ▶ To display subjects in stack rooms.
- ▶ Helpful in Issue –return
- ▶ Helpful in preparing subject wise data.
- ▶ Preparing schedules of classification system




- ▶ **Qualities**
- ▶ Simplicity
- ▶ Brevity – should be short
- ▶ Hospitality – should be able to arrange new subjects easily
- ▶ Mnemonics – aid to memory, easy to remember



## ▶ FACET AND FACET ANALYSIS

- ▶ Facet – Every facet is an expression of a fundamental category

### ▶ Definition

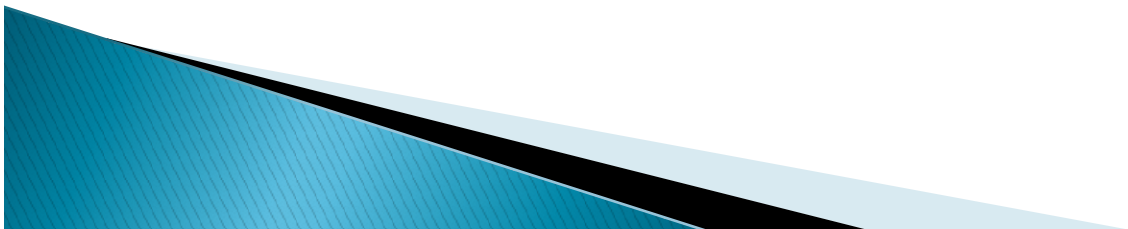
- ▶ S.R. Ranganathan– “The totality of the divisions of a basic class, based on a single train of characteristics is said to constitute one of its facets.”
  - ▶ B.I. Palmer and A.J. Wells– “The whole group of divisions or foci produced when a subject is divided according to a single characteristic.”
  - ▶ Foci– Sub-isolates of any facet
  - ▶ Focus– Each division in a facet is said to be an isolate focus or simply an isolate.
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- ▶ **Facet Analysis**

- ▶ It is a process of arranging the ideas of universe of knowledge

- ▶ **Definition**

- ▶ S.R. Ranganathan–“Enumeration of possible trains of characteristics by which a main class can be divided.”
- ▶ B.I. Palmer and A.J. Wells– “Facet Analysis means the analysis of a specific subject into the facets produced by the application of different characteristics.”



## ▶ **PRINCIPLES OF FACET SEQUENCE**

- ▶ Dr. S.R. Ranganathan gave the principles of arranging more than one isolate ideas of any facet.
- ▶ **Wall Picture Principle**
- ▶ If 2 facets A and B of a subject are such that the concept behind B will not operate unless the concept behind A is conceded.
- ▶ **Whole Organ Principle**
- ▶ If in a subject, facet B is an organ of facet A then A should precede B.



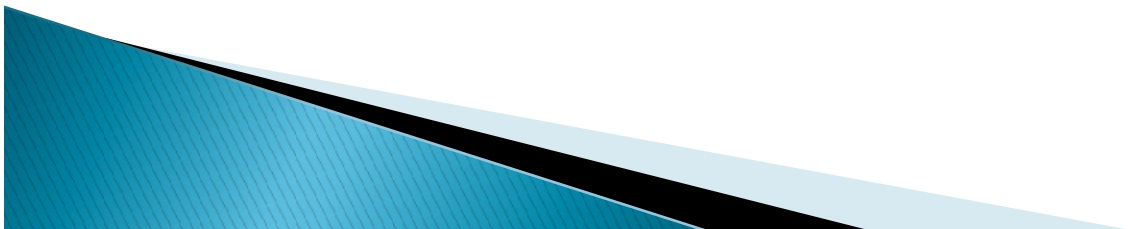


- ▶ **Cow– Calf Principle**

- ▶ If a facet A and another facet B belonging to the same subject cannot be separated though they distinct from each other, A and B should be kept together.

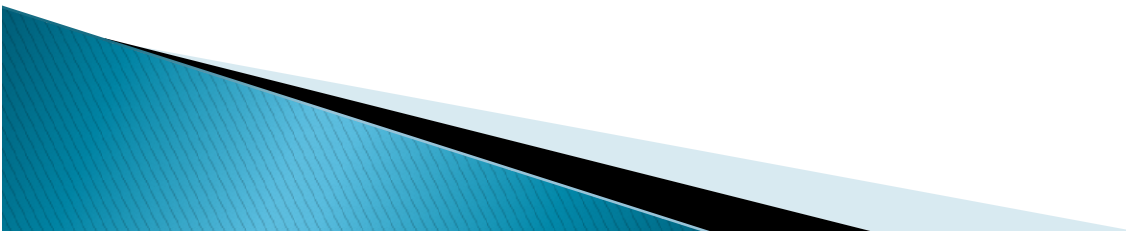
- ▶ **Act and–Action–Actor– Tool Principle**

- ▶ If A is a commodity out of thee raw material forming B and by the transformation forming C, then three facets should be arranged in the sequence A, B, C.



# Rounds

- ▶ Use of a facet more than one time in a subject  
MC [P];[M]:[E]
- ▶ Use of rounds only in [P] [M] [E] such as Use of rounds only in [P] [M] [E]



First Round Personality

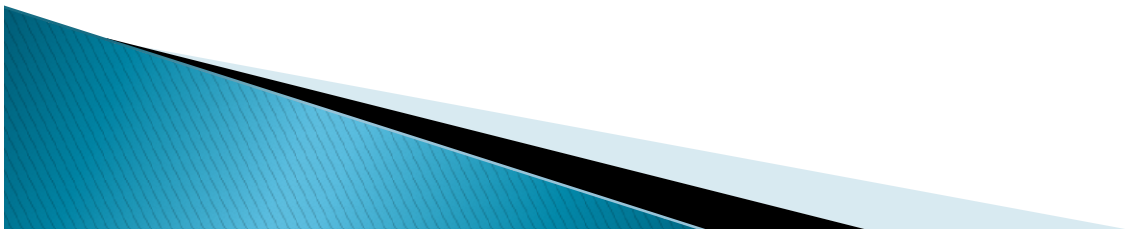
MC [P];[M]:[E]'[S].[T]

Second Round Personality

MC [P];[M]:[E][2P]

Third Round Personality

MC [P];[M]:[E][2P]:[2E][3P]



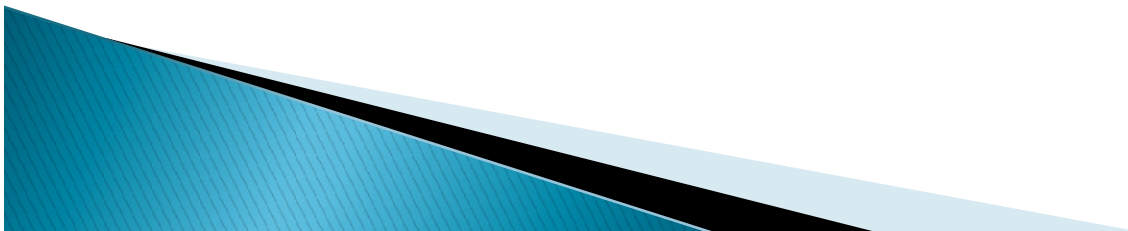
First round matter

MC [P];[M] MC [P];[M]

Books in libraries 2;41 Books

Second round matter

MC [P];[M] MC [P];[M]:[E];[2M]

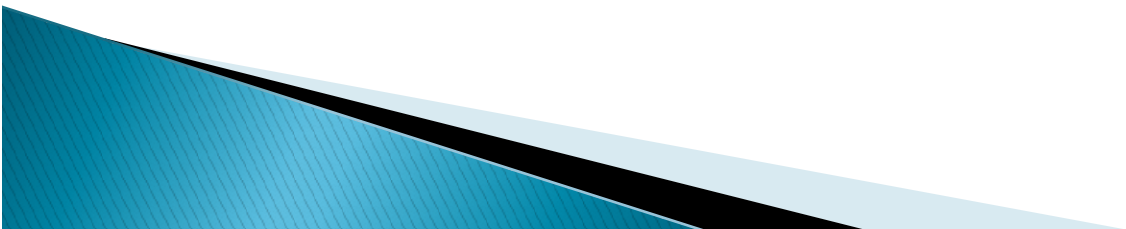


## First Round Energy

MC [P];[M]:[E]

## Second Round Energy

MC [P];[M]:[E][2P]:[2E]

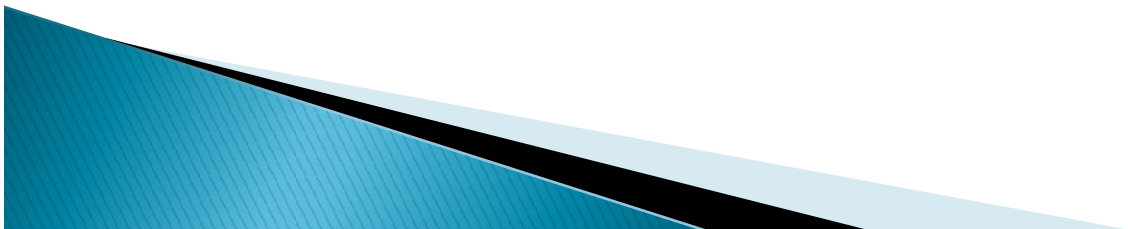


# Example

MC [P]:[E][2P]:[2E][3P]

X-ray treatment of lung infection ray  
treatment of lung infection

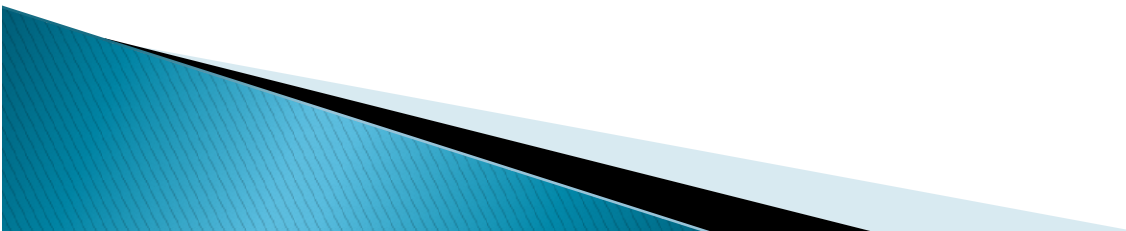
L45:42:6253 L45:42:6253



## Levels

Mostly use of levels for [P] [S] [T].

MC [P], [P2] [P3], [P4]

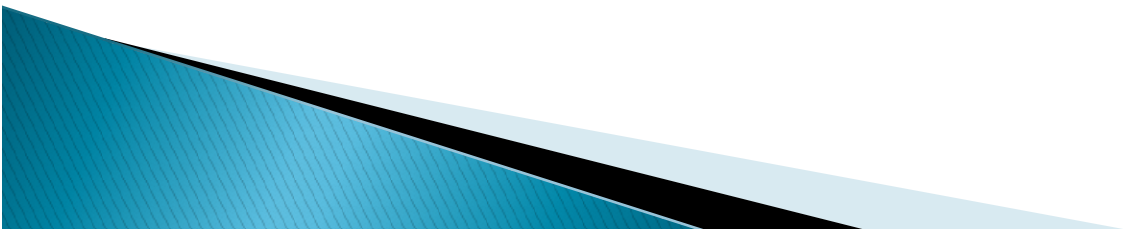


# Levels of Space

Levels in space [S]

Asia, Europe, Africa, America [S]

River, Mountain, ocean [S2]





## Levels of Time

Two levels of Time facet. [T]

Time period 1 BC to 3999 AD [T]  
winter, summer, snow [T2]

